

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 02/05680

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K9/51 A61K9/06 A61K47/14 A61K31/585

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 21534 A (MERCK) 6 May 1999 (1999-05-06) claims examples page 4, line 10 - line 13	1-21
A	EP 0 256 285 A (BEHRINGWERKE) 24 February 1988 (1988-02-24) claims examples 4,5	1-21
A	WO 83 00294 A (ARTHUR D. LITTLE INC., U.S.A) 3 February 1983 (1983-02-03) claims page 3, line 10	1-21
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the International search

16 July 2003

Date of mailing of the International search report

30/07/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 87 02582 A (BIOGRAM) 7 May 1987 (1987-05-07) cited in the application claims	1-21
A	US 5 091 188 A (D.H.HAYNES) 25 February 1992 (1992-02-25) cited in the application claims	1-21
A	US 5 145 684 A (G.G.LIVERSIDGE ET AL.) 8 September 1992 (1992-09-08) cited in the application claims	1-21
A	US 5 858 410 A (R.H.MULLER ET AL.) 12 January 1999 (1999-01-12) cited in the application claims	1-21

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 18-19 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9921534	A	06-05-1999	AT 232087 T CN 1278164 T DE 69811233 D1 DK 996429 T3 WO 9921534 A1 EP 0996429 A1 JP 2001520984 T NO 20002133 A	15-02-2003 27-12-2000 13-03-2003 26-05-2003 06-05-1999 03-05-2000 06-11-2001 26-04-2000
EP 256285	A	24-02-1988	DE 3623376 A1 AT 61730 T AU 597688 B2 AU 7553687 A CA 1302257 C DE 3768734 D1 DK 359787 A EP 0256285 A1 ES 2039214 T3 FI 873044 A GR 3001710 T3 JP 63023811 A PT 85292 A ,B US 4801455 A ZA 8705044 A	21-01-1988 15-04-1991 07-06-1990 14-01-1988 02-06-1992 25-04-1991 12-01-1988 24-02-1988 16-09-1993 12-01-1988 23-11-1992 01-02-1988 01-08-1987 31-01-1989 24-02-1988
WO 8300294	A	03-02-1983	EP 0084052 A1 WO 8300294 A1	27-07-1983 03-02-1983
WO 8702582	A	07-05-1987	SE 462894 B AT 50158 T AU 586513 B2 AU 6526586 A CA 1286928 C DE 3668792 D1 DK 327887 A EP 0224457 A1 FI 871958 A ,B, GR 3000410 T3 IL 80125 A IL 92221 A IN 165089 A1 JP 63501150 T KR 9400230 B1 NO 872509 A ,B, NZ 217929 A PH 21729 A SE 8505086 A WO 8702582 A1 US 4931284 A ZA 8607288 A	17-09-1990 15-02-1990 13-07-1989 19-05-1987 30-07-1991 15-03-1990 26-06-1987 03-06-1987 04-05-1987 28-06-1991 26-07-1990 26-07-1990 12-08-1989 28-04-1988 12-01-1994 16-06-1987 26-04-1989 10-02-1988 29-04-1987 07-05-1987 05-06-1990 27-05-1987
US 5091188	A	25-02-1992	AT 181234 T AU 7852891 A CA 2078990 A1 DE 69131349 D1 DE 69131349 T2 DK 533690 T3 EP 0533690 A1	15-07-1999 11-11-1991 27-10-1991 22-07-1999 18-11-1999 22-11-1999 31-03-1993

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 02/05680

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5091188	A		ES 2134776 T3	16-10-1999
			GR 3030825 T3	30-11-1999
			IN 173056 A1	05-02-1994
			JP 3261129 B2	25-02-2002
			JP 5507685 T	04-11-1993
			KR 159114 B1	01-12-1998
			MX 25532 A	01-10-1993
			RU 2100030 C1	27-12-1997
			WO 9116068 A1	31-10-1991
			US RE35338 E	24-09-1996
			US 5091187 A	25-02-1992
			US 5246707 A	21-09-1993
			ZA 9103122 A	29-04-1992
US 5145684	A	08-09-1992	AT 184202 T	15-09-1999
			AT 195416 T	15-09-2000
			AU 642066 B2	07-10-1993
			AU 1014592 A	30-07-1992
			AU 654836 B2	24-11-1994
			AU 1014792 A	30-07-1992
			CA 2059431 A1	26-07-1992
			CA 2059432 A1	26-07-1992
			DE 69229925 D1	14-10-1999
			DE 69229925 T2	17-02-2000
			DE 69231345 D1	21-09-2000
			DE 69231345 T2	26-04-2001
			DK 498482 T3	27-03-2000
			DK 499299 T3	02-01-2001
			EP 0498482 A2	12-08-1992
			EP 0499299 A2	19-08-1992
			ES 2139586 T3	16-02-2000
			ES 2149164 T3	01-11-2000
			FI 920321 A	26-07-1992
			FI 920322 A	26-07-1992
			GR 3032059 T3	31-03-2000
			GR 3034759 T3	28-02-2001
			HU 62462 A2	28-05-1993
			HU 60635 A2	28-10-1992
			IE 920217 A1	29-07-1992
			IE 920218 A1	29-07-1992
			IL 100754 A	16-10-1996
			IL 100755 A	08-12-1995
			JP 4317053 A	09-11-1992
			JP 4295420 A	20-10-1992
			KR 200061 B1	15-06-1999
			MX 9200291 A1	01-10-1992
			MX 9200292 A1	01-10-1992
			NO 920333 A	27-07-1992
			NO 920334 A	27-07-1992
			NZ 241361 A	25-06-1993
			NZ 241362 A	25-06-1993
			PT 499299 T	31-01-2001
			SG 55104 A1	21-12-1998
			RU 2074002 C1	27-02-1997
			RU 2066553 C1	20-09-1996
			US 5451393 A	19-09-1995
			US 5494683 A	27-02-1996
			US 5552160 A	03-09-1996

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Information on patent family members

International Application No

PCT/GB 02/05680

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5145684	A	US 5399363 A	21-03-1995
		US 5318767 A	07-06-1994
US 5858410	A	12-01-1999	
		DE 4440337 A1	15-05-1996
		AU 714978 B2	13-01-2000
		AU 3982795 A	06-06-1996
		CA 2205046 A1	23-05-1996
		CN 1172428 A	04-02-1998
		CZ 9701426 A3	15-10-1997
		DE 19581305 D2	05-11-1998
		EE 9700217 A	16-02-1998
		WO 9614830 A1	23-05-1996
		EP 0790821 A1	27-08-1997
		FI 971986 A	08-07-1997
		HU 77526 A2	28-05-1998
		JP 10508614 T	25-08-1998
		NO 972142 A	26-06-1997
		PL 320085 A1	15-09-1997
		SK 58497 A3	05-11-1997